

LESSON PLAN

**PART I
COVER SHEET**

LESSON TITLE: M295 Equipment Decontamination Kit

TRAINING METHOD: Demonstration/Performance

ORGANIZATIONAL PATTERN: Topical

REFERENCES: TO 11D1-3-11-1 Operator's Manual for Decontamination Kit, Individual
Equipment: M295 (20 Feb 94 Chg 1)

AIDS AND

HANDOUTS: M295 Equipment Decontamination Kit

LESSON OBJECTIVE: Following an explanation and demonstration on the M295 Equipment Decontamination Kit, the student must demonstrate mastery of all of the samples of behavior listed below.

SAMPLES OF BEHAVIOR:

1. Identify warnings associated with the use of the M295 Equipment Decontamination Kit.
2. State the purpose of the M295 Equipment Decontamination Kit.
3. State the characteristics of the M295 Equipment Decontamination Kit.

SUGGESTED COURSE(S) OF INSTRUCTION: NBC Defense Training
Chemical Threat Area
Contamination Control Team
Shelter Management Teams
Disaster Preparedness Support Team

STRATEGY: The M295 Equipment Decontamination Kit can be used for training as well as actual combat. It would be beneficial to allow the student to actually use it to develop proficiency. However, due to the cost, decon mitts will be re-used for training purposes.

LESSON OUTLINE:

- MAIN POINT 1. WARNINGS**
 - a. Eyes, cuts, and wounds
 - b. Removes liquid hazards only

- MAIN POINT 2. PURPOSE AND CHARACTERISTICS**
 - a. Purpose
 - b. Characteristics

- MAIN POINT 3. EQUIPMENT INSPECTION**
 - a. Serviceability Data
 - b. Loose Powder
 - c. Discard Leaking Packets
 - d. Replace Packets

- MAIN POINT 4. OPERATIONAL PROCEDURES**
 - a. Preparing for a Decon Operation
 - b. Using the first decon mitt
 - c. Using the second decon mitt
 - d. Use as many mitts as needed

PART II TEACHING PLAN

INTRODUCTION

ATTENTION:

When exposed to chemical agents, equipment and personnel can be rendered useless.

MOTIVATION:

The M295 Equipment Decontamination Kit provides you with a way to quickly decontaminate your equipment if used properly.

OVERVIEW:

This Lesson will cover:

-WARNINGS

-PURPOSE AND CHARACTERISTICS

-EQUIPMENT INSPECTION

-OPERATIONAL PROCEDURES

TRANSITION:

We'll begin this lesson by discussing the warnings associated with the M295 Equipment Decontamination Kit.

BODY

MAIN POINT 1. WARNINGS

a. AVOID EYES, CUTS,
AND WOUNDS

There are two important warnings to remember using the M295 Equipment Decontamination Kit:

The M295 kit is designed for use on equipment. It may be slightly irritating to skin or eyes. Keep decon powder out of eyes, cuts, and wounds. Use only water to wash powder out of eyes, cuts, and wounds. Avoid inhalation of decon powder.

b. REMOVES LIQUID
HAZARDS ONLY, DO
NOT UNMASK

The M295 kit only removes the liquid hazard. Decontaminated items may still present a vapor hazard. Don't unmask until it's been determined safe to do so.

MAIN POINT 2. PURPOSE AND CHARACTERISTICS

a. PURPOSE

Purpose and characteristics of the M295 Equipment Decontamination Kit.

The M295 kit decontaminates individual equipment through physical removal and absorption of liquid chemical agents.

1) M295 USED FOR
INDIVIDUAL
PROTECTIVE
EQUIPMENT

Possible uses of the kit include immediate decon for equipment for CCA operations. For example, use the kit on chemical ground grew ensemble at the entrance of a contamination control area (CCA).

INSTRUCTOR'S NOTE: The M295 kit is part of an individual's basis of issue in the C-1 bag. AF guidance suggests that CCA teams include this in their equipment inventory. Refer to RTP F17 for instructions on chemical CCA procedures.

2) EFFECTIVE FOR
INDIVIDUAL
EQUIPMENT, FIELD
GEAR, WEAPON,
AND TOOLS

This lesson defines individual protective equipment (IPE) as your chemical protective mask, hood, gloves and boots, as well as your field gear (web belt, ammo pouch, first aid kit, canteen and helmet), and weapon. Although not mentioned in the operating instructions, the M295 kit could decon other types of individual equipment such as tools.

3) EFFECTIVELY
EXTENDS WEAR
TIME OF BDO
AFTER EXPOSURE

Although the Technical Manual doesn't specifically address the Battle Dress Overgarment, studies prove the M295 Kit is very effective for BDO contamination control.

b. CHARACTERISTICS

Each M295 kit consists of a carrying pouch containing four individual decon packets.

1) CONTENTS

There are enough packets for two complete individual equipment decon operations. Each packet contains a decon mitt filled with decon powder.

INSTRUCTOR'S NOTE: A complete decontamination operation would be any of the pieces of equipment identified as IPE in Main Point 2a(2).

**2) DISCARD AFTER
USE**

The M295 kit is expendable. Discard the packets and carrying pouch after use in accordance with your standard operating procedures.

**3) WIDE RANGE OF
STORAGE
TEMPERATURES**

The M295 kit can be stored in a wide range of temperatures from -60° to 160° Fahrenheit or about -15° to 65° Celsius.

**MAIN POINT 3.
EQUIPMENT
INSPECTION**

Inspect your M295 kit. As a minimum, prior to use check for the following:

**a. SERVICEABILITY
DATA**

This information is embossed on the top of each packet.

b. LOOSE POWDER

If there is no loose powder, the kit is mission ready.

**c. DISCARD LEAKING
PACKETS**

If there is loose powder, inspect each packet for leaks and discard all leaking packets.

d. REPLACE PACKETS

Reinsert good packets into carrying pouch.

**MAIN POINT 4.
OPERATIONAL
PROCEDURES****a. PREPARING FOR A
DECON OPERATION****1) REMOVE FIRST
PACKET**

It takes two decon mitts from the M295 kit for one complete individual equipment decon operation. The decon mitts are all identical. Use these procedures for decon operations:

Remove one decon packet from pouch, tear packet at notch, remove decon mitt and discard empty packet.

**2) START FLOW OF
DECON POWDER**

Grasp non-pad side of decon mitt with hand you don't write with. Pat other hand with mitt to start flow of powder onto glove. Rub glove until completely covered with decon powder.

3) PUT GLOVE ON

Insert decontaminated glove into mitt. Make sure pad side is in the palm and thumb sticks through the thumbhole. Tighten wristband securely.

**b. USING THE FIRST
DECON MITT**

Decontaminate other gloved hand and individual equipment by rubbing with the pad side of the decon mitt. Do this until the equipment is thoroughly covered with decon powder.

1) OTHER GLOVE

Decon other protective glove thoroughly.

2) MASK AND HOOD	Decon all exposed areas of the mask and hood.
3) WEAPON	Decon weapon thoroughly. Pay special attention to areas that are hard to get to such as cracks and crevices.
4) HELMET	Decon helmet by patting with decon mitt.
5) DISCARD MITT	Dispose of expended decon mitt in accordance with local standard operating procedure.
c. USING THE SECOND DECON MITT	Using another decon packet, finish decontamination of individual equipment. This includes:
1) REPEAT PREPARATORY STEPS	Start flow of decontamination powder by patting gloved hand, rub powder all over it, insert hand and tighten wrist band. Decon second hand before continuing decon operation on remaining equipment.
2) LOAD CARRYING EQUIPMENT	Decon all load carrying equipment and accessories, such as, canteen, ammo pouch, and first aid kit.
3) MASK CARRIER	Decon mask carrying case.
4) OVERBOOTS	Decon protective boots.
5) REPEAT GLOVES	Repeat decontamination of protective gloves.

- | | |
|-----------------------------------|--|
| 6) DISCARD MITT | Dispose of expended decon mitt in accordance with local standard operating procedure. |
| d. USE AS MANY
MITTS AS NEEDED | If liquid contamination is still present or suspected, get another packet and repeat the decon procedures. |

CONCLUSION

SUMMARY:

During this lesson we have discussed:

Warnings

Purpose and characteristics

Equipment inspection

Operational procedures

REMOTIVATION:

Knowing how to properly decontaminate your personal equipment with the M295 Equipment Decontamination Kit will help reduce the spread of persistent chemical agents.

CLOSURE:

This concludes this lesson on the M295 Equipment Decontamination Kit.

TRANSITION:

(Develop locally to transition to the next topic.)

**PART III
EVALUATION**

STUDENT PERFORMANCE STANDARDS

1. Inspect and determine the serviceability of the M295 Equipment Decontamination Kit
2. Properly use the M295 Equipment Decontamination Kit by following operational instructions.

TEST ITEMS

1. LESSON OBJECTIVE: Identify warnings associated with the use of the M295 Equipment Decontamination Kit.

QUESTION (True or False)

After using the M295 Equipment Decontamination Kit, decontaminated items may still present a vapor hazard.

- a. True
- b. False

Key: a

REFERENCE: Main Point 1

2. LESSON OBJECTIVE: State the purpose of the M295 Equipment Decontamination Kit.

QUESTION: (True or False)

The M295 Equipment Decontamination Kit removes and absorbs toxic chemical agent vapors from your individual equipment.

- a. True
- b. False

KEY: b

REFERENCE: Main Point 2

3. LESSON OBJECTIVE: State the purpose of the M295 Equipment Decontamination Kit.

QUESTION: (Multiple Choice)

The M295 Equipment Decontamination Kit decontaminates individual equipment through the

- a. neutralizing of chemical agents normally using two available decon packets.
- b. neutralizing of chemical agents normally using eight available decon packets.
- c. physical removal and absorption of chemical agents normally using two decon packets.
- d. physical removal and absorption of chemical agents normally using eight decon packets.

KEY: c

REFERENCE: Main Point 2

4. LESSON OBJECTIVE: State the characteristics of the M295 Equipment Decontamination Kit.

QUESTION: (Multiple Choice)

Which characteristic does **NOT** describe the M295 Equipment Decontamination Kit.

- a. Each decon packet contains a mitt with decon powder.
- b. The decon kit can be stored over a wide temperature range.
- c. The decon kits are expendable and should be discarded after use.
- d. There are enough packets in each kit to do two complete individual decon operations

Key: d

Main Point 2

**PART IV
RELATED MATERIALS**

RTP F5	M258A1 Decontamination Kit
RTP F7	M291 Skin Decontamination Kit
RTP F17	Wartime Chemical Contamination Control Area (CCA) Groundcrew Ensemble Donning Doffing Procedures

TRAINING PACKAGE COMMENT REPORT

RTP # _____

RTP DATE: _____

For an *immediate response* to your questions concerning subject matter in this Readiness Training Package (RTP), contact the Office of Primary Responsibility (OPR) TSgt Ron Childs of the Contingency Training Section at DSN 523-6458 between 0700-1600 (CT), Monday through Friday. Otherwise, write, fax, or E-mail the OPR to make comments, suggestions, or point out technical errors in the areas of: references, body information, performance standards, test questions, and attachments.

NOTE: Do not use the Suggestion Program to submit corrections for printing or typographical errors.

Comments: _____

HQ AFCESA/CEX FAX #: DSN 523-6383

E-mail address: childsr@afcesa.af.mil

----- FOLD HERE -----

OFFICIAL BUSINESS

**HQ AFCESA/CEXR
ATTN: TSGT CHILDS
139 BARNES DRIVE SUITE 1
TYNDALL AFB FL 32403-5319**